

APPENDIX B
GROUNDWATER SAMPLING FIELD DATA SHEET

2006 Interim Remedial Measures Work Plan
for the Bee-Jay Scales Site

Chevron Environmental Management Company &
BP America, Inc.

24CH.67201.00
April 14, 2006

SECOR
GROUNDWATER SAMPLING FIELD DATA SHEET

SECOR Project No.: _____ DATE: _____ WELL NO. _____

FACILITY NAME: _____ TEMPERATURE: _____ °F or °C

FIELD PERSONNEL: _____ WEATHER: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT. or IN.

B. Thickness of Free Product, if present: _____ Inches _____ FT. or IN.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT. or IN.

D. Height of Water Column in casing (h = TD - SWL): _____ FT. or IN.

E. Useful approximate Purge Volumes (PV) per foot of water column for common casing sizes:

	<u>3 Well Vols.</u>	<u>5 Well Vols.</u>		
2" Diameter =	0.5 gals/ft	0.82 gals/ft	x feet of water _____	= _____ PV (Gal)
4" Diameter =	2.0 gals/ft	3.25 gals/ft	x feet of water _____	= _____ PV (Gal)
6" Diameter =	4.4 gals/ft	7.35 gals/ft	x feet of water _____	= _____ PV (Gal)

PURGING METHOD: _____ DURATION: _____

OBSERVATIONS:

<u>Cum. PV (Gal)</u>	<u>Time</u>	<u>Turbidity</u>	<u>DO</u>	<u>ORP</u>	<u>pH</u>	<u>Temp.</u>	<u>Conduct.</u>	<u>SWL</u>
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

TOTAL VOLUME OF WATER PURGED FROM WELL: _____

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED: Depth to Water at time of sample collection: _____

<u>Sample Number(s)</u>	<u>Time</u>	<u>Size/Number of Container(s)</u>	<u>Preservative</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

COMMENTS:

Casing Capacities:

2-inch hole.....0.16 gal/lin ft.

4-inch hole.....0.65 gal/lin ft.

6.5-inch hole.....1.70 gal/lin ft.

8-inch hole.....2.60 gal/lin ft.

10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Total Depth of Well:
Original Water Column: _____ x 0.80 = -- (_____)
Collect sample when Depth to Water measures

Less than or equal to:

Signature: _____